

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	46	measur\$4 waveform signal source characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/08 15:40
L2	0	canada et al.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/08 15:41
L3	14	canada.in. and motor vibration	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/08 15:59
L4	8	3 and spectral	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/08 16:01
L5	0	3 and spectral phase shift	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 16:01
L6	5	3 and spectral frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 17:41
L7	1311	signal source (signature or characteristic or unique) (location or position) with (correlat\$4 or relat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 17:42
L8	299	signal source (signature or characteristic or unique) (location or position) with (correlat\$4 or relat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/08 17:43
L9	211	signal source (signature or characteristic or unique) (location or position) with (correlat\$4 or relat\$4)	USPAT; EPO; JPO	WITH	ON	2007/05/08 17:55
L10	5	waveform signal source (signature or characteristic or unique) (location or position) with (correlat\$4 or relat\$4)	USPAT; EPO; JPO	WITH	ON	2007/05/08 17:56
L11	29	waveform signal source (signature or characteristic or unique) (location or position) with (correlat\$4 or relat\$4)	USPAT; EPO; JPO	SAME	ON	2007/05/08 18:08
L12	2	("7197381").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 18:09

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	52	automatic\$ near5 wiper\$1.ti.	US-PGPUB; USPAT	OR	OFF	2007/05/08 15:38
L2	1	("7075428").PN.	USPAT	OR	OFF	2007/05/08 16:11
L3	674	(machine\$1 or machiner\$3) same signature\$1 near15 (locat\$4 or position\$1)	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:12
L4	1	(machine\$1 or machiner\$3) same (ambient\$ or surround\$4 or local\$ or environment\$) near5 signature\$1 near15 (locat\$4 or position\$1)	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:13
L5	49	(machine\$1 or machiner\$3) and (ambient\$ or surround\$4 or local\$ or environment\$) near5 signature\$1 near15 (locat\$4 or position\$1)	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:15
L6	3	(machine\$1 or machiner\$3) and (ambient\$ or surround\$4 or local\$ or environment\$) near5 signature\$1 near15 (identif\$ or indicat\$ or represent\$4) near5 (locat\$4 or position\$1)	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:17
L7	1056	(machine\$1 or machiner\$3 or factory or factories or manufactur\$) and (ambient\$ or surround\$4 or local\$ or environment\$ or vibrat\$4) near5 (signal\$1 or signature\$1) near15 (identif\$ or indicat\$ or represent\$4) near15 (locat\$4 or position\$1) not 6	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:18
L8	39	(machine\$1 or machiner\$3 or factory or factories or manufactur\$) and (ambient\$ or surround\$4 or local\$ or environment\$ or vibrat\$4) near5 ((signal\$1 or vibrat\$4) near5 characteristic\$4 or signature\$1) near15 (identif\$ or indicat\$ or represent\$4) near15 (locat\$4 or position\$1) not 6	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:35
L9	28	(ambient\$ or surround\$4 or environment\$ or vibrat\$4) near5 ((signal\$1 or vibrat\$4) near5 characteristic\$4 or signature\$1) near15 (identif\$ or indicat\$ or represent\$4) near15 (locat\$4 or position\$1) not 6 not 8	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:46

## EAST Search History

L10	12	(ambient\$ or surround\$4 or environment\$ or vibrat\$4) near5 ((signal\$1 or vibrat\$4) near5 characteristic\$4 or signature\$1) near15 (identif\$ or indicat\$ or represent\$4) near15 (locat\$4 or position\$1) not 6 not 8	USPAT	OR	OFF	2007/05/08 16:38
L11	25	(ambient\$ or surround\$4 or environment\$ or vibrat\$4) near15 ((signal\$1 or vibrat\$4) near5 characteristic\$4 or signature\$1) near15 (identif\$ or indicat\$ or represent\$4) near8 (location\$1 or position\$1) not 6 not 8 not 10	USPAT	OR	OFF	2007/05/08 16:42
L12	22	(ambient\$ or surround\$4 or environment\$ or vibrat\$4) near15 ((signal\$1 or vibrat\$4) near5 characteristic\$4 or signature\$1) near15 (identif\$ or indicat\$3 or represent\$4) near8 (location\$1 or position\$1) not 6 not 8 not 10	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/08 16:44
L13	16	9 not 10	US-PGPUB; USPAT	OR	OFF	2007/05/08 17:01
L14	5	340/825.49.ccls. and ambient.ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/05/08 16:58
L15	25	celestial.ti. and navigat\$4.ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/05/08 17:02
L16	15	("20050192719"   "3714432"   "3737790"   "3793518"   "3825754"   "3834653"   "3920994"   "3940753"   "4056738"   "4088906"   "4119918"   "4155007"   "4263555"   "4426591"   "4992675").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/08 17:06
L17	71	lee near3 benjamin.xp. and (position\$4 or locat\$4) and cellular	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/08 17:07
L18	2	17 and train\$4.clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/08 17:11
L19	636	ccd same (pattern\$1) and (automobile\$1 or vehic\$4) same (navigat\$4 or map\$1 or position\$4 or locat\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/08 17:12
L20	337	ccd same (pattern\$1) and (automobile\$1 or vehic\$4) same (navigat\$4 or map\$1 or position\$4 or locat\$4)	USPAT	OR	OFF	2007/05/08 17:12

## EAST Search History

L21	84	ccd same (pattern\$1) and (automobile\$1 or vehic\$4) same (navigat\$4 or map\$1 or position\$4 or locat\$4).ab.	USPAT	OR	OFF	2007/05/08 17:12
-----	----	---	-------	----	-----	------------------